



**Shoreway Environmental Center
Shoreway Facility Operations Monthly Reporting
December 2019**

Dear Joe:

Commodity Market Update

Scrap values for non-fiber (plastic, glass, aluminum, and metals) remain weak. Non-fiber pricing (scrap + CRV) has not changed much. Scrap pricing for fiber remains depressed. Cardboard (OCC) and Mixed Paper pricing and movement remain dependent on the export market.

OCC pricing is heavily influenced by demand in China. That demand is regulated by government quality requirements and import permits. The quality requirements imposed in 2018 remain in place. Due to the National Sword laws in China the permits are carefully controlled, and the quantity (tons) issued is being reduced. Those reductions have a serious impact on global pricing, which remains weak. Many in the industry anticipated that in 2020 China may place an outright ban in imports for recyclable materials, but it now seems that they will continue issuing permits at quantities that are further reduced.

As China has reduced their demand for imported Fiber those tons have found markets in other SE Asian countries. The supply demand imbalance continues to depress pricing. The domestic demand in western US for Fiber remains static, and therefore most of the Fiber recovered at MRFs in CA all flows to SE Asia. Over the next few years demand for recovered fiber will increase worldwide, and many are hopeful that this will result in higher prices for recovered fiber.

Dwight E Herring

Dwight E Herring
General Manager

1/15/2019

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**Certificate of Accuracy
December 2019**

Joe La Mariana
Executive Director
South Bayside Waste Management Authority
610 Elm Street, Suite 202
San Carlos, CA 94070

RE: CERTIFICATE OF ACCURACY FOR SOUTH BAY RECYCLING MONTHLY REPORTING

In accordance with the reporting requirements of Article 8.07 and Article 9 of the Agreement for Operations of the Shoreway Environmental Center, the undersigned hereby certifies under penalty of perjury that the report submitted herewith is true and correct to the best of my knowledge.

By: *Dwight E Herring*
Dwight E Herring
General Manager

Date: 1/15/19

SOUTH BAY RECYCLING, LLC
333 Shoreway Road | San Carlos, California 94070-2708
Tel 650.802.8355 | Fax 650.591.3268 | www.SBRecycling.net

Attachment 2
Shoreway Facility Inbound Summary Report
December 2019

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD
SOUTH BAY INTERNAL TONS																	
Solid Waste from Facility & Street Cleanup	1.65	9.19	1.04	0.65	0.73	0.68	2.12	1.19	-	-	0.40	6.60	11.88	2.06	3.31	7.00	24.25
Residual from Recyclables	1,339.77	1,216.87	3,050.14	1,128.67	1,179.99	958.33	1,060.50	977.92	1,013.99	1,078.26	1,003.23	1,184.59	5,606.78	3,266.99	3,052.41	3,266.08	15,192.26
SBR Shop Box	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Green/Organics	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Inerts/C&D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal - Disposed	1,341.42	1,226.06	3,051.18	1,129.32	1,180.72	959.01	1,062.62	979.11	1,013.99	1,078.26	1,003.63	1,191.19	5,618.66	3,269.05	3,055.72	3,273.08	15,216.51
Subtotal - Diverted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal - Diversion Percentage	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
OVERALL TOTAL	1,341.42	1,226.06	3,051.18	1,129.32	1,180.72	959.01	1,062.62	979.11	1,013.99	1,078.26	1,003.63	1,191.19	5,618.66	3,269.05	3,055.72	3,273.08	15,216.51
SUBTOTAL: SELF HAUL/BUYBACK SBR INTERNAL TONS																	
Municipal Solid Waste	3,708.04	2,493.90	4,325.73	3,718.98	4,241.23	5,348.74	3,543.82	3,158.89	2,866.67	3,204.00	2,850.03	4,771.47	10,527.67	13,308.95	9,569.38	10,825.50	44,231.506
Recyclables	124.40	98.88	120.10	151.47	137.69	137.60	136.80	116.65	66.15	66.18	51.39	59.29	343.38	426.77	319.61	176.86	1,266.61
Green/Organics	666.94	1,072.49	439.85	(348.50)	25.13	406.80	52.28	795.23	845.32	843.24	15.44	(1,054.95)	2,179.28	83.23	1,693.03	(196.27)	3,759.27
Inerts/C&D	2,723.74	2,561.41	2,888.81	3,403.30	3,240.01	3,356.03	4,176.50	4,184.10	3,592.72	4,098.94	3,413.36	2,847.84	8,173.96	9,999.34	11,953.32	10,159.94	40,286.56
Subtotal - Disposed	3,708.04	2,493.90	4,325.73	3,718.98	4,241.23	5,348.74	3,543.82	3,158.89	2,866.67	3,204.00	2,850.03	4,771.47	10,527.67	13,308.95	9,569.38	10,825.50	44,231.51
Subtotal - Diverted	3,515.08	3,732.78	3,448.76	3,206.27	3,402.83	3,900.23	4,365.58	5,095.98	4,504.39	5,008.36	3,480.19	1,651.98	10,696.62	10,509.34	13,965.96	10,140.53	45,312.44
Subtotal - Diversion Percentage	49%	60%	44%	46%	45%	42%	55%	62%	61%	61%	55%	26%	50%	44%	59%	48%	51%
OVERALL TOTAL	7,223.12	6,226.68	7,774.49	6,925.25	7,644.06	9,248.97	7,909.40	8,254.88	7,371.06	8,212.36	6,330.22	6,423.45	21,224.29	23,818.29	23,535.34	20,966.03	89,543.95
NON-FRANCHISE TONS																	
Municipal Solid Waste	353.22	346.95	383.54	346.72	380.59	493.25	389.74	444.45	353.14	314.67	334.00	220.45	1,083.71	1,220.56	1,187.33	869.12	4,360.72
Third Party Non-Contracted Recyclables	6.66	2.68	6.02	6.47	14.67	8.22	4.10	7.70	4.35	5.38	3.86	1.25	15.36	29.36	16.15	10.49	71.36
Third Party Contracted Recyclables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Green/Organics	423.83	440.87	472.35	443.06	477.38	347.78	432.12	414.73	407.41	491.35	418.25	355.84	1,337.05	1,268.22	1,254.26	1,265.44	5,124.97
Inerts/C&D	605.02	481.27	439.53	470.36	426.46	407.30	522.54	543.88	480.95	510.87	399.15	270.71	1,525.82	1,304.12	1,547.37	1,180.73	5,558.04
Subtotal - Disposed	353.22	346.95	383.54	346.72	380.59	493.25	389.74	444.45	353.14	314.67	334.00	220.45	1,083.71	1,220.56	1,187.33	869.12	4,360.72
Subtotal - Diverted	1,033.51	924.82	917.90	919.69	918.51	763.30	958.76	966.31	892.71	1,007.60	821.26	627.60	2,878.23	2,601.70	2,817.78	2,456.66	10,754.37
Subtotal - Diversion Percentage	59%	57%	54%	57%	59%	44%	55%	52%	56%	62%	59%	59%	57%	52%	54%	59%	55%
OVERALL TOTAL	1,388.73	1,271.77	1,301.44	1,266.61	1,299.10	1,256.55	1,348.50	1,410.76	1,245.85	1,322.27	1,155.26	848.25	3,961.94	3,822.26	4,005.11	3,325.78	15,115.09
OVERALL TOTAL FACILITY TONS																	
Municipal Solid Waste	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	18,596.64	17,374.66	18,531.23	17,442.75	20,986.72	56,612.52	59,595.11	55,707.40	56,960.70	228,875.73
Recyclables	7,221.44	6,157.14	6,166.00	6,276.02	6,557.19	6,012.10	6,437.35	6,233.46	5,970.04	6,388.05	5,976.92	7,047.09	19,544.58	18,845.32	18,640.86	19,412.06	76,442.81
Recycling TS (Bulky, Franchise, TS Diversion)	121.26	108.23	119.91	108.62	116.02	98.86	111.45	116.77	120.80	106.60	87.14	120.76	349.40	323.50	349.02	324.50	1,346.42
Green/Organics	11,278.11	9,263.77	9,695.00	10,303.13	10,602.32	9,266.64	9,925.93	10,235.32	9,804.93	10,760.19	9,851.32	11,501.71	30,236.88	30,172.09	29,966.18	32,113.21	122,489.36
Inerts/C&D	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	5,016.17	4,346.44	4,937.76	4,059.45	3,189.53	10,511.94	12,136.31	14,377.11	12,186.74	49,212.10
Subtotal - Disposed	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	18,596.64	17,374.66	18,531.23	17,442.75	20,986.72	56,612.52	59,595.11	55,707.40	56,960.70	228,875.73
Subtotal - Diverted	22,206.22	18,875.14	19,561.44	20,833.30	21,249.53	19,394.38	21,489.23	21,601.72	20,242.21	22,192.59	19,984.83	21,859.09	60,642.80	61,477.22	63,333.17	64,036.51	249,489.69
Subtotal - Diversion Percentage	53%	52%	50%	52%	51%	49%	52%	54%	54%	54%	53%	51%	52%	51%	53%	53%	52%
OVERALL TOTAL	42,099.86	36,066.04	39,089.42	40,102.42	41,499.52	39,470.38	41,225.33	40,198.36	37,616.87	40,723.82	37,427.58	42,845.81	117,255.32	121,072.33	119,040.57	120,997.21	478,365.42
TRANSFER STATION & MRF VOLUME SUMMARY																	
Total Transfer Station Volume	34,878.42	29,908.90	32,923.42	33,826.40	34,942.33	33,458.28	34,787.98	33,964.90	31,646.83	34,335.77	31,450.66	35,798.72	97,710.74	102,227.01	100,399.71	101,585.15	401,922.61
Total MRF Volume	7,221.44	6,157.14	6,166.00	6,276.02	6,557.19	6,012.10	6,437.35	6,233.46	5,970.04	6,388.05	5,976.92	7,047.09	19,544.58	18,845.32	18,640.86	19,412.06	76,442.81
OVERALL TOTAL	42,099.86	36,066.04	39,089.42	40,102.42	41,499.52	39,470.38	41,225.33	40,198.36	37,616.87	40,723.82	37,427.58	42,845.81	117,255.32	121,072.33	119,040.57	120,997.21	478,365.42

Attachment 3
Shoreway Facility Outbound Summary Report
December 2019

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD
Ox Mountain Solid Waste	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	18,596.64	17,374.66	18,531.23	17,442.75	20,986.72	56,612.52	59,595.11	55,707.40	56,960.70	228,875.73
Other Landfill Solid Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Landfill Solid Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL MSW	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	18,596.64	17,374.66	18,531.23	17,442.75	20,986.72	56,612.52	59,595.11	55,707.40	56,960.70	228,875.73
INERT MATERIALS (C&D / INERTS) - OUTBOUND TONS																	
Zanker Road C&D	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	5,016.17	4,346.44	4,937.76	4,059.45	3,189.53	10,511.94	12,136.31	14,377.11	12,186.74	49,212.10
Ox Mountain Inert Material	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL C&D / INERTS	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	5,016.17	4,346.44	4,937.76	4,059.45	3,189.53	10,511.94	12,136.31	14,377.11	12,186.74	49,212.10
ORANICS / GREEN WASTE / FOOD WASTE - OUTBOUND TONS																	
Recology BVON Food	2,357.60	2,244.12	2,451.24	2,423.41	2,598.51	2,271.44	2,416.87	2,424.96	2,399.54	2,513.21	2,346.03	2,414.86	7,052.96	7,293.36	7,241.37	7,274.10	28,861.79
Recology BVON Green/Organics	4,161.18	3,381.20	3,264.32	3,637.90	3,630.73	3,186.55	3,057.58	3,610.46	3,310.48	3,248.47	3,978.61	4,789.97	10,806.70	10,455.18	9,978.52	12,017.05	43,257.45
Republic Newby Island Food	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Republic Newby Island Green/Organics	4,759.33	3,638.45	3,979.44	4,241.82	4,373.08	3,808.65	4,451.48	4,199.90	4,094.91	4,998.50	3,526.68	4,296.88	12,377.22	12,423.55	12,746.29	12,822.06	50,369.12
Bofuel Systems Green Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zanker Road Green Waste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Disposal Site	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL ORGANICS / GREEN / FOOD WASTE	11,278.11	9,263.77	9,695.00	10,303.13	10,602.32	9,266.64	9,925.93	10,235.32	9,804.93	10,760.18	9,851.32	11,501.71	30,236.88	30,172.09	29,966.18	32,113.21	122,488.36
OTHER DIVERSION - OUTBOUND TONS																	
Scrap Metal	71.51	56.57	57.90	53.63	60.71	40.32	47.55	48.45	62.07	46.14	42.29	59.77	185.98	154.66	158.07	148.20	646.91
Household Batteries	5.91	3.17	2.51	3.08	4.13	3.80	3.59	4.82	4.25	4.44	5.88	3.54	11.59	11.01	12.66	13.86	49.13
Refrigerators	6.87	11.24	19.34	12.53	16.64	7.95	13.24	14.90	11.51	15.53	14.25	16.87	37.45	37.12	39.65	46.65	160.87
Electronic Materials	31.09	31.24	25.71	30.71	29.61	34.75	35.50	35.58	31.52	32.19	30.53	29.91	88.04	95.07	102.60	92.63	378.34
Mattresses	7.87	8.05	14.28	9.40	9.06	13.86	12.16	13.64	12.50	10.24	8.06	11.56	30.20	32.32	38.30	29.86	130.68
Tires	3.92	1.13	2.68	2.35	-	1.98	3.00	4.20	3.20	2.50	2.01	2.65	7.73	4.33	10.40	7.16	29.62
Cardboard (outbound from Transfer to MRF)	5.93	2.85	1.98	2.47	2.08	0.91	1.05	0.87	1.06	0.94	2.44	2.00	10.76	5.46	2.98	5.38	24.58
Mixed Plastic (outbound from Transfer to MRF)	-	-	-	-	-	0.04	-	-	-	-	-	-	-	0.04	-	-	0.04
Carpet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reusables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL OTHER DIVERSION	133.10	114.25	124.40	114.17	122.23	103.61	116.09	122.46	126.11	111.98	105.46	126.30	371.75	340.01	364.66	343.74	1,420.17
MATERIALS RECOVERY FACILITY & PUBLIC RECYCLING CENTER																	
Recyclable Fiber	3,543.44	2,181.80	2,494.14	2,862.73	3,875.29	3,380.96	3,392.45	3,371.19	3,200.76	3,893.55	3,129.86	3,449.59	8,219.38	10,118.98	9,964.40	10,473.00	38,775.76
Recyclable Containers	2,130.18	1,788.29	1,482.60	1,346.39	1,950.28	1,673.54	1,624.96	1,450.90	1,566.43	1,466.56	1,580.42	1,580.42	5,401.07	4,970.21	4,952.38	4,613.41	19,937.07
MRF Residual Franchise	1,339.77	1,216.87	3,050.14	1,128.67	1,179.98	958.33	1,060.50	977.92	1,013.99	1,078.26	1,003.23	1,184.58	5,606.78	3,266.99	3,052.41	3,266.08	15,192.26
Drop Off	19.72	15.37	20.95	19.31	17.48	18.49	24.49	13.35	15.79	20.97	14.11	16.29	56.04	55.28	53.63	51.37	216.31
TOTAL MRF & PUBLIC RECYCLING CENR	7,033.11	5,202.33	7,047.83	5,357.10	7,023.04	6,031.32	6,102.40	6,238.98	5,681.44	6,559.21	5,613.76	6,230.89	19,283.27	18,411.46	18,022.82	18,403.86	74,121.40
SHOREWAY FACILITY SUMMARY																	
Municipal Solid Waste	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	18,596.64	17,374.66	18,531.23	17,442.75	20,986.72	56,612.52	59,595.11	55,707.40	56,960.70	228,875.73
MRF Recyclables	7,033.11	5,202.33	7,047.83	5,357.10	7,023.04	6,031.32	6,102.40	6,238.98	5,681.44	6,559.21	5,613.76	6,230.89	19,283.27	18,411.46	18,022.82	18,403.86	74,121.40
MRF/PRC Inventory (+/-)	188.33	954.81	(881.83)	918.92	(465.85)	(19.22)	334.95	(5.51)	288.60	(171.16)	363.16	816.20	261.31	433.86	618.04	1,008.20	2,321.41
TS Recyclables	133.10	114.25	124.40	114.17	122.23	103.61	116.09	122.46	126.11	111.98	105.46	126.30	371.75	340.01	364.66	343.74	1,420.17
Green/Organics	11,278.11	9,263.77	9,695.00	10,303.13	10,602.32	9,266.64	9,925.93	10,235.32	9,804.93	10,760.18	9,851.32	11,501.71	30,236.88	30,172.09	29,966.18	32,113.21	122,488.36
Inerts/C&D	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	5,016.17	4,346.44	4,937.76	4,059.45	3,189.53	10,511.94	12,136.31	14,377.11	12,186.74	49,212.10
OVERALL TOTAL	42,111.70	36,072.06	39,093.91	40,107.97	41,505.73	39,475.13	41,229.97	40,204.06	37,622.18	40,729.20	37,435.90	42,851.35	117,277.67	121,088.84	119,056.21	121,016.45	478,439.17
SHOREWAY FACILITY DIVERSION TOTAL	52.31%	49.70%	52.30%	49.67%	52.33%	49.19%	51.32%	53.76%	53.05%	54.92%	52.44%	49.12%	51.50%	50.43%	52.69%	52.10%	51.68%
Total Transfer Station Outbound	34,890.26	29,914.92	32,927.91	33,831.95	34,948.54	33,463.03	34,792.62	33,970.59	31,652.14	34,341.15	31,458.98	35,804.26	97,733.09	102,243.52	100,415.35	101,604.39	401,996.36
Total MRF Outbound	7,221.44	6,157.14	6,166.00	6,276.02	6,557.19	6,012.10	6,437.35	6,233.46	5,970.04	6,388.05	5,976.92	7,047.09	19,544.58	18,845.32	18,640.86	19,412.06	76,442.81
SHOREWAY FACILITY OUTBOUND TOTAL	42,111.70	36,072.06	39,093.91	40,107.97	41,505.73	39,475.13	41,229.97	40,204.06	37,622.18	40,729.20	37,435.90	42,851.35	117,277.67	121,088.84	119,056.21	121,016.45	478,439.17

**Attachment 4
Commodity Value 13-Month Trend and Market Report
December 2019**

	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19
Scrap Value Per Ton													
Fiber	\$ 36.64	\$ 43.53	\$ 36.75	\$ 41.79	\$ 22.57	\$ 18.54	\$ 22.50	\$ 24.50	\$ 27.44	\$ 21.75	\$ 16.32	\$ 8.82	\$ 7.77
Plastics	\$ 235.26	\$ 225.24	\$ 242.03	\$ 211.60	\$ 230.01	\$ 182.33	\$ 189.26	\$ 180.95	\$ 140.67	\$ 84.33	\$ 91.14	\$ 107.22	\$ 145.34
Aluminum	\$ 740.00	\$ 640.00	\$ 600.00	\$ 600.00	\$ 600.00	\$ 560.00	\$ 540.00	\$ 540.00	\$ 500.00	\$ 460.00	\$ 400.00	\$ 400.00	\$ 400.00
Metal	\$ 78.60	\$ 64.65	\$ 64.11	\$ 75.72	\$ 73.69	\$ 65.18	\$ 74.80	\$ 70.69	\$ 66.52	\$ 39.59	\$ 9.52	\$ 20.51	\$ 40.21

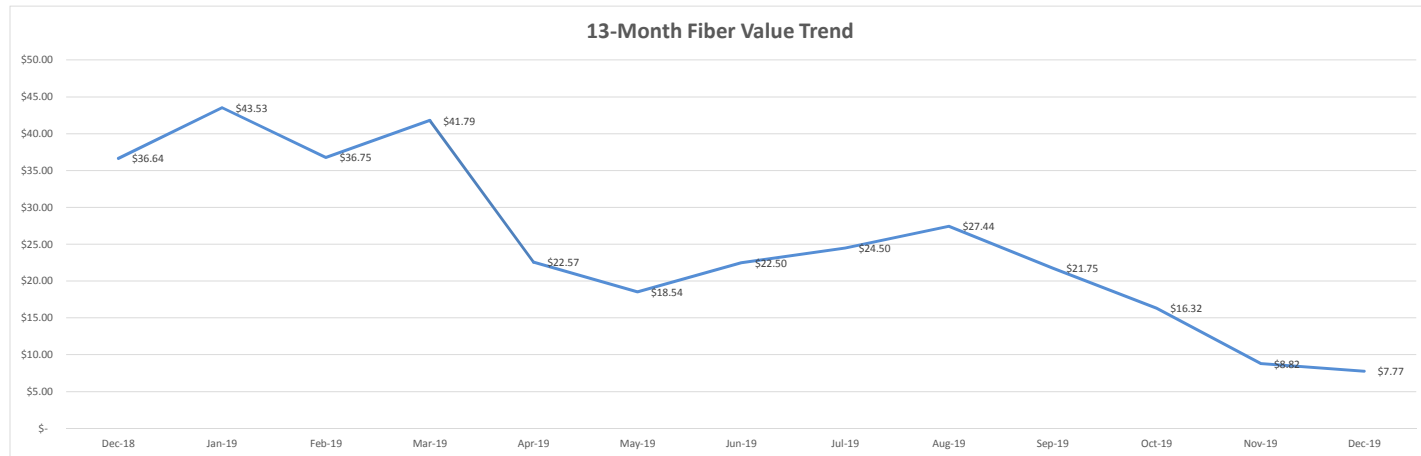
Scrap Value Variance													
Fiber	\$ (11.61)	\$ 6.89	\$ (6.78)	\$ 5.04	\$ (19.22)	\$ (4.03)	\$ 3.96	\$ 2.00	\$ 2.94	\$ (5.69)	\$ (5.43)	\$ (7.49)	\$ (1.05)
Plastics	\$ (28.34)	\$ (10.02)	\$ 16.79	\$ (30.42)	\$ 18.40	\$ (47.67)	\$ 6.93	\$ (8.31)	\$ (40.29)	\$ (56.34)	\$ 6.82	\$ 16.08	\$ 38.12
Aluminum	\$ 40.00	\$ (100.00)	\$ (40.00)	\$ -	\$ -	\$ (40.00)	\$ (20.00)	\$ (0.00)	\$ (40.00)	\$ (40.00)	\$ (60.00)	\$ -	\$ 0.00
Metal	\$ (8.34)	\$ (13.96)	\$ (0.53)	\$ 11.61	\$ (2.02)	\$ (8.51)	\$ 9.62	\$ (4.11)	\$ (4.16)	\$ (26.93)	\$ (30.07)	\$ 10.99	\$ 19.70

Percentage Increase/(Decrease)													
Fiber	-32%	16%	-18%	12%	-85%	-22%	18%	8%	11%	-26%	-33%	-85%	-14%
Plastics	-12%	-4%	7%	-14%	8%	-26%	4%	-5%	-29%	-67%	7%	15%	26%
Aluminum	5%	-16%	-7%	0%	0%	-7%	-4%	0%	-8%	-9%	-15%	0%	0%
Metal	-11%	-22%	-1%	15%	-3%	-13%	13%	-6%	-6%	-68%	-316%	54%	49%

Total Revenue - Containers	\$ 500,006.37	\$ 549,751.85	\$ 555,176.40	\$ 440,321.67	\$ 373,571.69	\$ 617,821.79	\$ 452,970.03	\$ 428,755.59	\$ 687,984.24	\$ 324,523.81	\$ 356,590.33	\$ 315,112.41	\$ 295,120.64
Total Revenue - Fiber	\$ 139,518.99	\$ 153,423.33	\$ 79,858.86	\$ 103,994.26	\$ 64,407.60	\$ 71,693.44	\$ 76,010.63	\$ 83,040.88	\$ 92,433.66	\$ 69,546.20	\$ 63,476.17	\$ 27,499.34	\$ 26,711.66
Total Revenue	\$ 639,525.36	\$ 703,175.18	\$ 635,035.26	\$ 544,315.93	\$ 437,979.29	\$ 689,515.23	\$ 528,980.66	\$ 511,796.47	\$ 780,417.90	\$ 394,070.01	\$ 420,066.50	\$ 342,611.75	\$ 321,832.30

Total Tons - Containers	1,699.60	2,130.18	1,788.29	1,482.60	1,346.39	1,950.28	1,673.50	1,624.96	1,876.52	1,450.90	1,566.43	1,466.56	1,580.42
Total Tons - Fiber	3,861.43	3,537.51	2,178.95	2,492.16	2,860.26	3,873.21	3,380.05	3,391.40	3,370.32	3,199.70	3,892.61	3,127.42	3,447.59
Total Tons	5,561.03	5,667.69	3,967.24	3,974.76	4,206.65	5,823.49	5,053.55	5,016.36	5,246.84	4,650.60	5,459.04	4,593.98	5,028.01

Avg Rate/Ton - Containers	\$ 294.19	\$ 258.08	\$ 310.45	\$ 296.99	\$ 277.46	\$ 316.79	\$ 270.67	\$ 263.86	\$ 366.63	\$ 223.67	\$ 227.65	\$ 214.86	\$ 186.74
Avg Rate/Ton - Fiber	\$ 36.13	\$ 43.37	\$ 36.65	\$ 41.73	\$ 22.52	\$ 18.51	\$ 22.49	\$ 24.49	\$ 27.43	\$ 21.74	\$ 16.31	\$ 8.79	\$ 7.75
Total Avg Rate/Ton	\$ 115.00	\$ 124.07	\$ 160.07	\$ 136.94	\$ 104.12	\$ 118.40	\$ 104.68	\$ 102.03	\$ 148.74	\$ 84.74	\$ 76.95	\$ 74.58	\$ 64.01



**Attachment 5
Trucking Efficiency Report
December 2019**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD
Ox Mountain	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	18,596.64	17,374.66	18,531.23	17,442.75	20,986.72	56,612.52	59,595.11	55,707.40	56,960.70	228,875.73
Loads	787.00	685.00	783.00	765.00	813.00	806.00	789.00	749.00	701.00	756.00	709.00	859.00	2,255.00	2,384.00	2,239.00	2,324.00	9,202.00
Average Tons/Load	25.28	25.10	24.94	25.19	24.91	24.91	25.01	24.83	24.79	24.51	24.60	24.43	25.11	25.00	24.88	24.51	24.87
Other Landfill																	
Loads																	
Average Tons/Load																	
TOTAL MUNICIPAL SOLID WASTE (MSW)																	
TONS	19,893.64	17,190.90	19,527.98	19,269.12	20,249.99	20,076.00	19,736.10	18,596.64	17,374.66	18,531.23	17,442.75	20,986.72	56,612.52	59,595.11	55,707.40	56,960.70	228,875.73
LOADS	787.00	685.00	783.00	765.00	813.00	806.00	789.00	749.00	701.00	756.00	709.00	859.00	2,255.00	2,384.00	2,239.00	2,324.00	9,202.00
AVERAGE TONS/LOAD	25.28	25.10	24.94	25.19	24.91	24.91	25.01	24.83	24.79	24.51	24.60	24.43	25.11	25.00	24.88	24.51	24.87
Loads Saved / Month (est. 22 tons/Ld.)	138.29	114.58	125.28	131.24	128.86	127.77	128.96	115.96	107.12	105.92	102.29	117.13	318.30	324.87	293.15	265.12	1,201.44
INERT MATERIALS (C&D / INERTS)																	
Zanker Road	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	5,016.17	4,346.44	4,937.76	4,059.45	3,189.53	10,511.94	12,136.31	14,377.11	12,186.74	49,212.10
Loads	180.00	164.00	179.00	206.00	198.00	201.00	247.00	256.00	221.00	250.00	207.00	160.00	523.00	605.00	724.00	617.00	2,469.00
Average Tons/Load	19.92	20.40	20.00	20.12	20.07	19.98	20.30	19.59	19.67	19.75	19.61	19.93	20.10	20.06	19.86	19.75	19.93
OX Mountain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL C&D AND INERTS																	
TONS	3,585.41	3,346.00	3,580.53	4,145.53	3,974.00	4,016.78	5,014.50	5,016.17	4,346.44	4,937.76	4,059.45	3,189.53	10,511.94	12,136.31	14,377.11	12,186.74	49,212.10
LOADS	180.00	164.00	179.00	206.00	198.00	201.00	247.00	256.00	221.00	250.00	207.00	160.00	523.00	605.00	724.00	617.00	2,469.00
AVERAGE TONS/LOAD	19.92	20.40	20.00	20.12	20.07	19.98	20.30	19.59	19.67	19.75	19.61	19.93	20.10	20.06	19.86	19.75	19.93
Loads Saved / Month (est. 19 tons/Ld.)	8.71	12.11	9.45	12.19	11.16	10.41	16.92	8.01	7.76	9.88	6.66	7.87	30.26	33.75	32.69	24.41	121.11
GREEN WASTE/ORGANICS																	
Recology BVON	6,518.78	5,625.32	5,715.56	6,061.31	6,229.24	5,457.99	5,474.45	6,035.42	5,710.02	5,761.68	6,324.64	7,204.83	17,859.66	17,748.54	17,219.89	19,291.15	72,119.24
Loads	272.00	234.00	236.00	250.00	223.00	224.00	248.00	224.00	235.00	239.00	264.00	302.00	742.00	728.00	707.00	805.00	2,982.00
Average Tons/Load	23.97	24.04	24.22	24.25	24.43	24.48	24.44	24.34	24.30	24.11	23.96	23.86	24.07	24.38	24.36	23.96	24.18
Republic Newby Island	4,759.33	3,638.45	3,979.44	4,241.82	4,373.08	3,808.65	4,451.48	4,199.90	4,094.91	4,998.50	3,526.68	4,296.88	12,377.22	12,423.55	12,746.29	12,822.06	50,369.12
Loads	201.00	151.00	164.00	175.00	181.00	158.00	182.00	173.00	169.00	205.00	145.00	176.00	516.00	514.00	524.00	526.00	2,080.00
Average Tons/Load	23.68	24.10	24.26	24.24	24.16	24.11	24.46	24.28	24.23	24.38	24.32	24.41	23.99	24.17	24.32	24.38	24.22
Zanker Road	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biofuel Systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Disposal Site	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Loads	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Average Tons/Load	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL GREEN WASTE/ORGANICS																	
TONS	11,278.11	9,263.77	9,695.00	10,303.13	10,602.32	9,266.64	9,925.93	10,235.32	9,804.93	10,760.18	9,851.32	11,501.71	30,236.88	30,172.09	29,966.18	32,113.21	122,488.36
LOADS	473.00	385.00	400.00	425.00	436.00	381.00	406.00	421.00	404.00	444.00	409.00	478.00	1,258.00	1,242.00	1,231.00	1,331.00	5,062.00
AVERAGE TONS/LOAD	23.84	24.06	24.24	24.24	24.32	24.32	24.45	24.31	24.27	24.23	24.09	24.06	24.04	24.29	24.34	24.13	24.20
Loads Saved / Month (est. 20 T/Ld.)	90.91	78.19	84.75	90.16	94.12	82.33	90.30	90.77	86.25	94.01	83.57	97.09	253.84	266.60	267.31	274.66	1,062.42
OVERALL TRUCK TRIP SAVINGS/MONTH COMPARED TO 2010 ESTIMATES																	
OVERALL TRUCK TRIP SAV/MTH COMPARED TO EST	237.90	204.87	219.48	233.58	234.13	220.51	236.18	214.73	201.13	209.81	192.51	222.08	662.24	688.22	652.04	624.40	2,626.91
Miles Saved	11,649.36	10,493.71	11,012.75	11,736.18	11,920.94	10,857.13	11,427.23	11,210.23	10,487.64	10,619.70	10,858.65	12,381.15	33,155.82	34,514.24	33,125.10	33,859.50	134,654.66
Gallons of Fuels Saved	2,912.34	2,623.43	2,753.19	2,934.04	2,980.23	2,714.28	2,856.81	2,802.56	2,621.91	2,654.92	2,714.66	3,095.29	8,288.95	8,628.56	8,281.27	8,464.87	33,663.66
Pounds of CO2 savings (22.2 lbs./gal of fuel)	64,653.93	58,240.10	61,120.75	65,135.79	66,161.20	60,257.06	63,421.14	62,216.75	58,206.41	58,939.32	60,265.53	68,715.36	184,014.79	191,554.05	183,844.30	187,920.21	747,333.35
Pounds of Carbon savings (6.12 lbs./gal of fuel)	17,823.52	16,055.38	16,849.50	17,956.35	18,239.03	16,611.41	17,483.67	17,151.64	16,046.09	16,248.14	16,613.74	18,943.15	50,728.40	52,806.79	50,681.40	51,805.03	206,021.63

Attachment 6
Self-Haul Monthly Yards/Ton Ratio
December 2019

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Q1	Q2	Q3	Q4	YTD
Outbound Tons shipped from Transfer	34,890.26	29,914.92	32,927.91	33,831.95	34,948.54	33,463.03	34,792.62	33,970.59	31,652.14	34,341.15	31,458.98	35,804.26	97,733.09	102,243.52	100,415.35	101,604.39	401,996.36
Inbound Tons to the Transfer Station	29,610.50	25,491.60	28,993.23	29,043.61	29,485.07	26,401.30	29,336.28	27,788.60	26,350.52	28,596.91	26,986.65	31,359.78	84,095.33	84,929.98	83,475.40	86,943.34	339,444.05
Mass Balance weight of Inbound Self-Haul material to TS	5,279.76	4,423.32	3,934.68	4,788.34	5,463.47	7,061.73	5,456.34	6,181.99	5,301.62	5,744.24	4,472.33	4,444.48	13,637.76	17,313.54	16,939.95	14,661.05	62,552.31
Total Inbound Cubic Yards for Self-Haul Loads	16,001.60	13,613.00	15,895.00	16,872.00	18,116.50	19,206.10	20,597.50	20,758.00	18,234.00	19,396.90	17,934.50	15,338.00	45,509.60	54,194.60	59,589.50	52,669.40	211,963.10
Self-Haul Conversion Ratio - yards/ton (Goal ≥ 2.76)	3.03	3.08	4.04	3.52	3.32	2.72	3.77	3.36	3.44	3.38	4.01	3.45	3.34	3.13	3.52	3.59	3.39
DIFFERENCE OF Self-Haul Conversion Ratio from 2.76	0.27	0.32	1.28	0.76	0.56	(0.04)	1.01	0.60	0.68	0.62	1.25	0.69	0.58	0.37	0.76	0.83	0.63

Attachment 7
Liquidated Damages
December 2019

		JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC												Q1	Q2	Q3	Q4	YTD	
1	Turnaround Guarantee	Penalty																	
	A Collection Vehicles & Member Agency Vehicles	\$100	per vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	proceed through scale house in no more than five (5) minutes per vehicle		\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
	B Self-Haul Customer	\$100	per vehicle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	customers shall not wait more than 15 minutes to be processed by scale		\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
2	Contractor Open Shoreway Center to Users during Operating Hours	\$1,000	per hour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	failure to receive vehicles during operating hours		\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
3	Litter Complaints	\$100	per hour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	failure to remedy a litter compliance within 5 hours of notification		\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
4	Failure of Contractor to Provided Excellent Customer Service	\$100	per compliant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
5	Timeliness of Submissions of Reports to the SBWMA	\$500	per day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
6	Failure to make Records Available upon Request	\$500	per day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
7	Failure of the Contractor to Notify the SBWMA of intent to use a subcontractor(s).	\$1,000	per incident	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			\$ Damages:	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Overall Total Liquidated Damages during Reporting Period				\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-

Q1 Comments

Q2 Comments

Q3 Comments

Q4 Comments

Attachment 8
GENERAL FACILITY REPORTING
December 2019

Accidents & Incidents	Permits, Regulatory & Environmental Compliance	Staffing & Labor	Facility Operations	MRF Recovery Effectiveness	Materials Marketing & Off Site Disposal & Processing	Franchise, Public & Third Party Tonnage
JAN 1/23: Driver pulling sell into cab felt pain in shoulder.	No LEA Inspection was conducted in January	SBR has posted and is currently conducting interviews with candidates for the positions of: - Administrative Assistant - Mechanic/Welder	Nothing to Report	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In January, recovery rate was 81.4%	Cardboard and Mix Paper pricing remained flat month over month, with the sale price at \$97 per ton and \$11 per ton respectively.	Nothing to Report
FEB 2/25: As Driver was opening the rear doors of his trailer, a boulder fell out and rolled on to his leg. Driver was sent to the Clinic and to a Specialist who determined his leg was fractured.	2/27 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	SBR has posted and is currently conducting interviews with candidates for the positions of: - Administrative Assistant - Mechanic/Welder Travis Dobson, Maintenance Supervisor tendered his resignation. SBR has made an offer to a candidate for this position.	Nothing to Report	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In February, recovery rate was 81.3%	• OCC price dropped \$21 per ton to \$78 per ton. • MP price dropped \$10 per ton to \$1 per ton. • Container pricing improved \$20.75 per ton (in aggregate).	Nothing to Report
MAR 3/11: Driver broke his ankle walking on uneven pavement at OX Mountain LF.	3/22 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	SBR has posted and is currently conducting interviews with candidates for the positions of: - Administrative Assistant - Mechanic/Welder - Maintenance Supervisor	Nothing to Report	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In March, recovery rate was 80.6%	• OCC price dropped \$3 per ton to \$75 per ton. • MP price remained flat at \$1 per ton.	Nothing to Report
APR Nothing to Report	4/26 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	SBR has posted and is currently conducting interviews with candidates for the positions of: - Administrative Assistant - Mechanic/Welder - Maintenance Supvr	Nothing to Report	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In April, recovery rate was 82.1%	• OCC price dropped \$15 per ton to \$60 per ton. • MP price dropped \$1 per ton to \$0 per ton.	Nothing to Report
MAY Nothing to Report	4/26 - There was no LEA Inspection in May.	SBR made offers of employment to individuals for the following positions: - Administrative Assistant - Mechanic/Welder - Maintenance Supvr	Nothing to Report	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In May, recovery rate was 81.9%	• OCC price dropped \$8 per ton to \$52 per ton. • MP price remained at \$0 per ton.	Nothing to Report
JUN Nothing to Report	6/20 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	SBR filled the following positions: - Administrative Assistant - Mechanic/Welder - Maintenance Supvr - (1/3) Casual Drivers Danny Stills, MRF Supervisor, tendered his resignation. Company will be replacing this position	Nothing to Report	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In June, recovery rate was 84.0%	• OCC price dropped \$5 per ton to \$47 per ton. • MP price increased from no value, to \$5 per ton.	Nothing to Report
JUL Nothing to Report	7/19 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Nothing to Report	Nothing to Report	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In July, recovery rate was 83.4%	• OCC price increased \$5 per ton to \$52 per ton. • MP price remained flat at \$5 per ton.	Nothing to Report
AUG 8/23 - Tractor-Trailer west bound Hwy 92 experienced a blowout on a right-side drive tire. Truck and trailer overturned. Driver sustained minor injuries.	8/16 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Nothing to Report	8/16 - SBR was directed to temporarily close the Buyback portion of the Public Recycling Center (PRC) due to excessive traffic that was creating a safety issue.	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In August, recovery rate was 84.2%	• OCC price increased \$10 per ton to \$62 per ton. • MP price dropped \$2 per ton to \$3 per ton.	Nothing to Report
SEP Nothing to Report	9/05 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Nothing to Report	Nothing to Report	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In September, recovery rate was 82.0%	• OCC price dropped \$11 per ton to \$51 per ton. • MP price dropped \$2 per ton to \$1 per ton.	Nothing to Report
OCT Nothing to Report	10/01 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Aijeron Johnson, Maintenance Supervisor tendered his resignation. SBR is currently seeking candidates to fill this role.	Construction of the Anaergia OREX Press in the Transfer Station is ongoing.	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In October, recovery rate was 83.0%	• OCC price dropped \$8 per ton to \$43 per ton. • MP price dropped \$1 per ton to \$0 per ton.	Nothing to Report
NOV Nothing to Report	11/26 - LEA Inspection. No Notice of Violations or Areas of Concern were identified.	Nothing to Report	Construction of the Anaergia OREX Press in the Transfer Station is ongoing.	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In November, recovery rate was 83.1%	• OCC price dropped \$5.00 per ton to \$38.00 per ton. • MP price dropped \$9.00 per ton to (\$9.00) per ton.	Nothing to Report
DEC Nothing to Report	12/23 - LEA Inspection. No Notice of Violations. An Area of Concern was identified for TS floor repairs which were scheduled to be done earlier in the year. SBWMA is in their procurement process.	Interviews with candidates were made, and it's likely an Offer of Employment will be made in early January.	Construction of the Anaergia OREX Press in the Transfer Station is ongoing.	Additional MRF Sort Labor and Bale Dressers are making a concerted effort to remove prohibitive material from the recycling stream. This results in an increase in residual from processing. In December, recovery rate was 83.5%	• OCC price remained flat at \$38.00 per ton. • MP price remained flat at (\$9.00) per ton.	Nothing to Report

